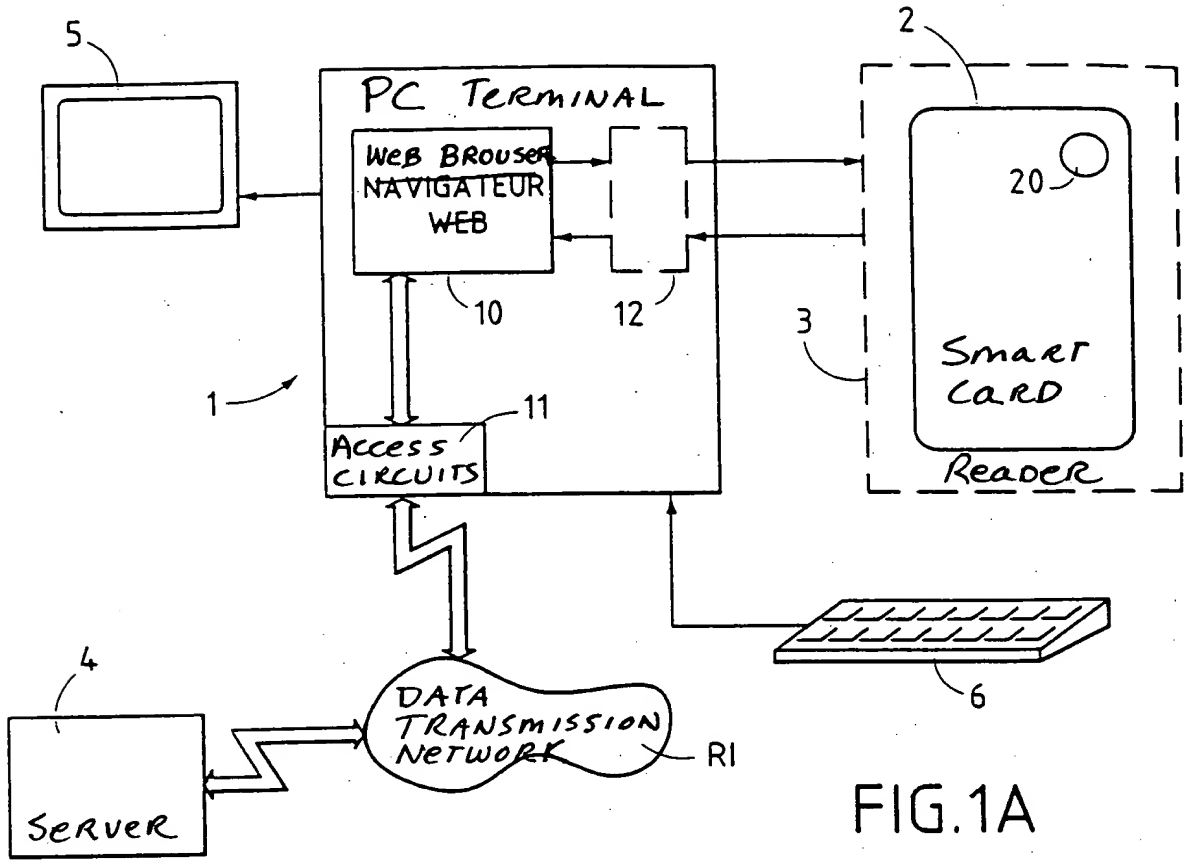

5
PC TERMINAL
WEB BROUSER
NAVIGATEUR
WEB
2
20
10
12
3
SMART
CARD
READER
1
11
ACCESS
CIRCUITS
4
DATA
TRANSMISSION
NETWORK
RI
SERVER
6

FIG.1A

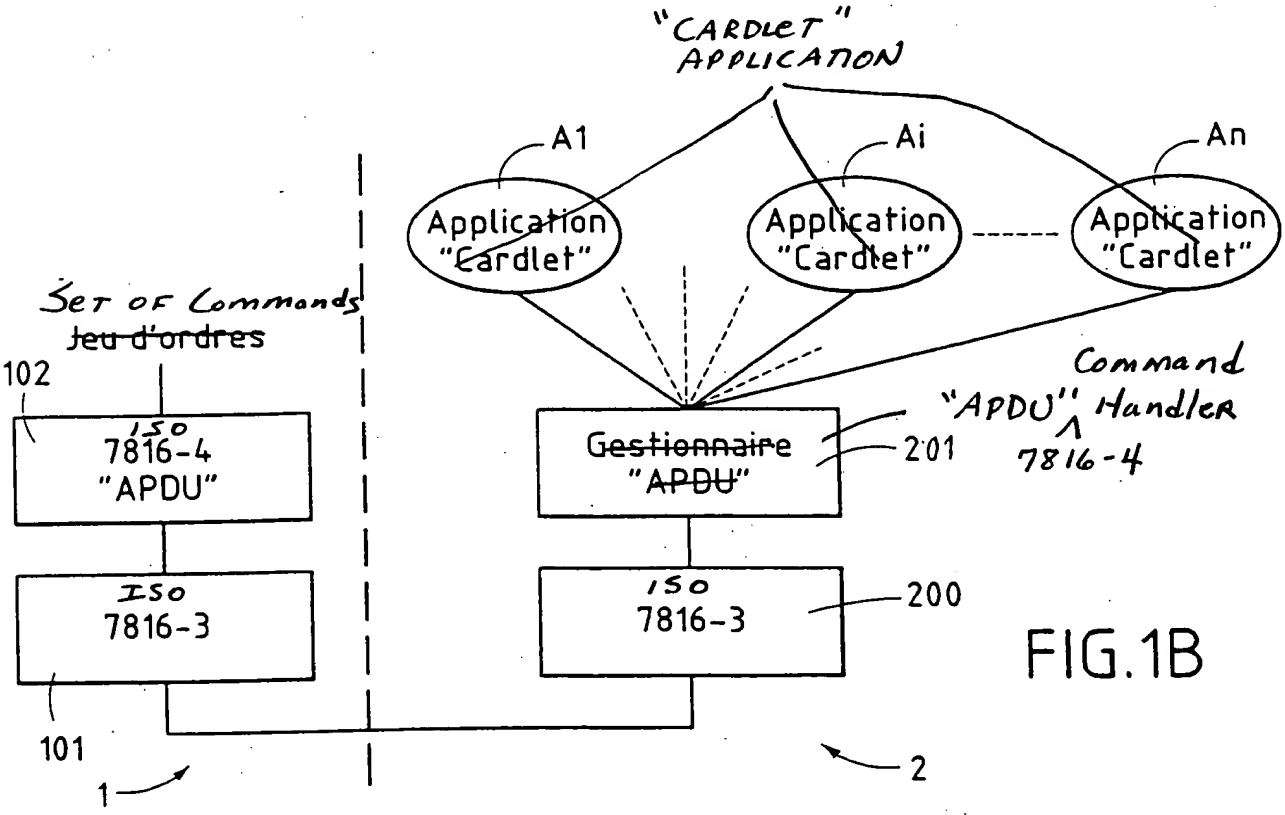
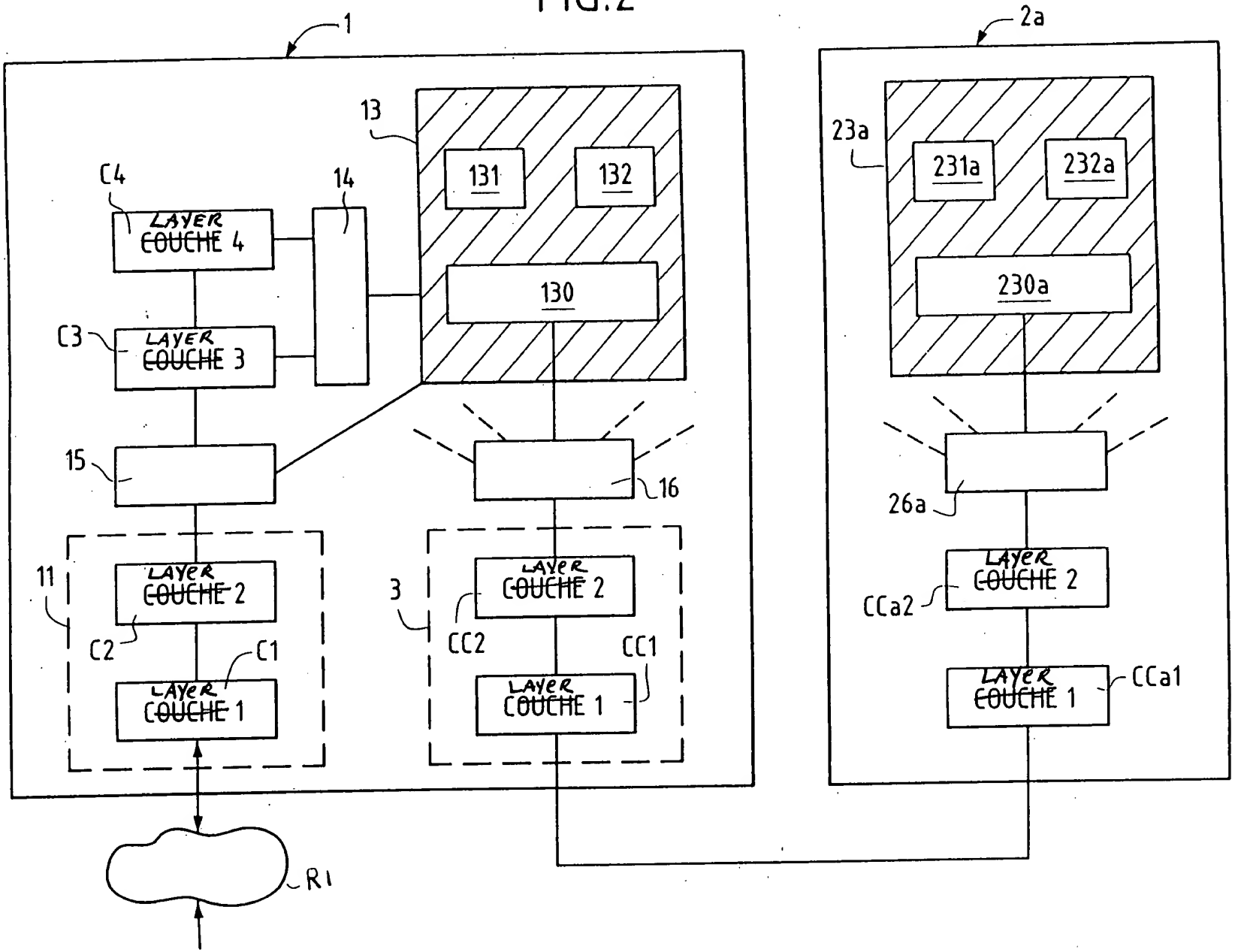

"CARDLET"
APPLICATION
A1
Ai
An
Application
"Cardlet"
Application
"Cardlet"
Application
"Cardlet"
SET OF COMMANDS
Jeu d'ordres
102
ISO
7816-4
"APDU"
Gestionnaire
"APDU"
201
Command
"APDU" Handler
7816-4
ISO
7816-3
ISO
7816-3
200
101
1
2

FIG.1B

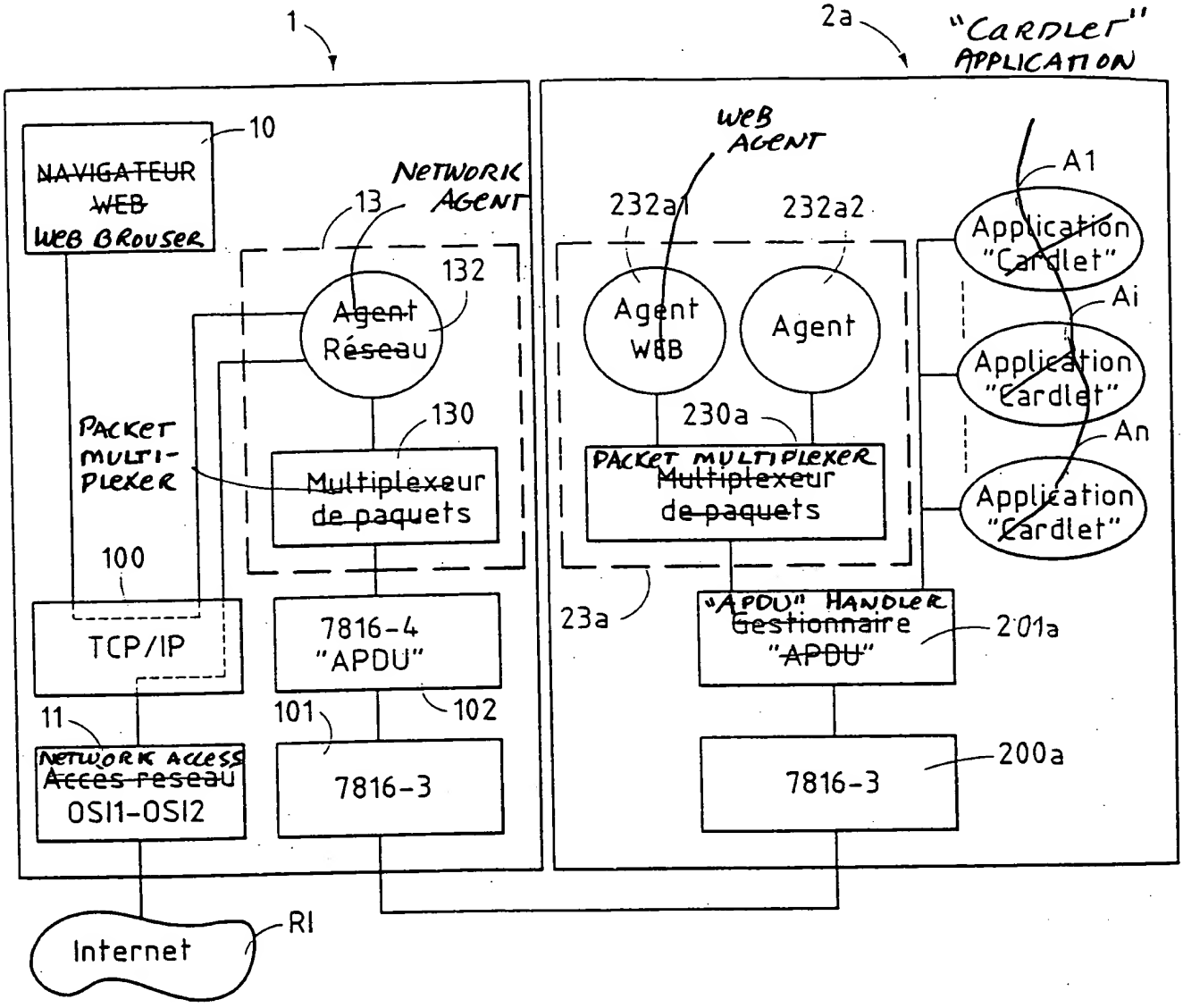
09/700428

FIG.2



3/8

FIG.3



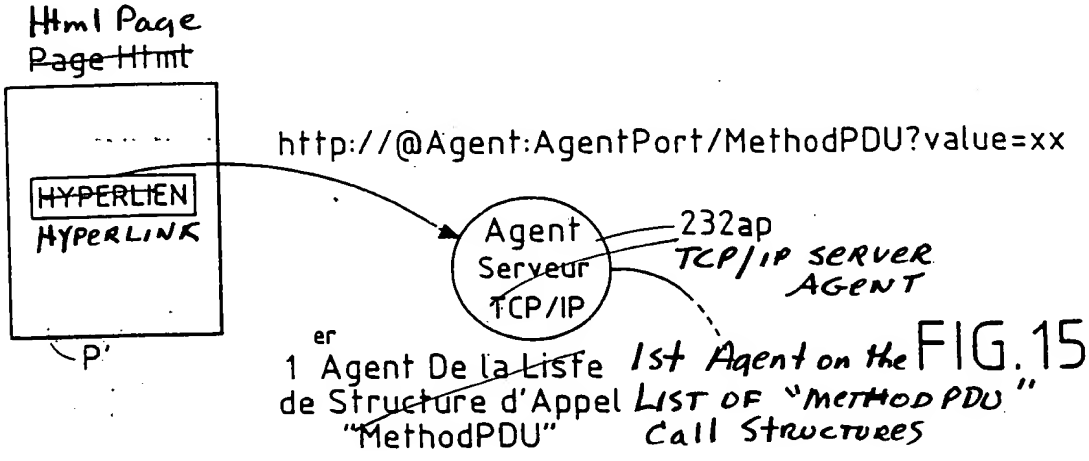


FIG.15

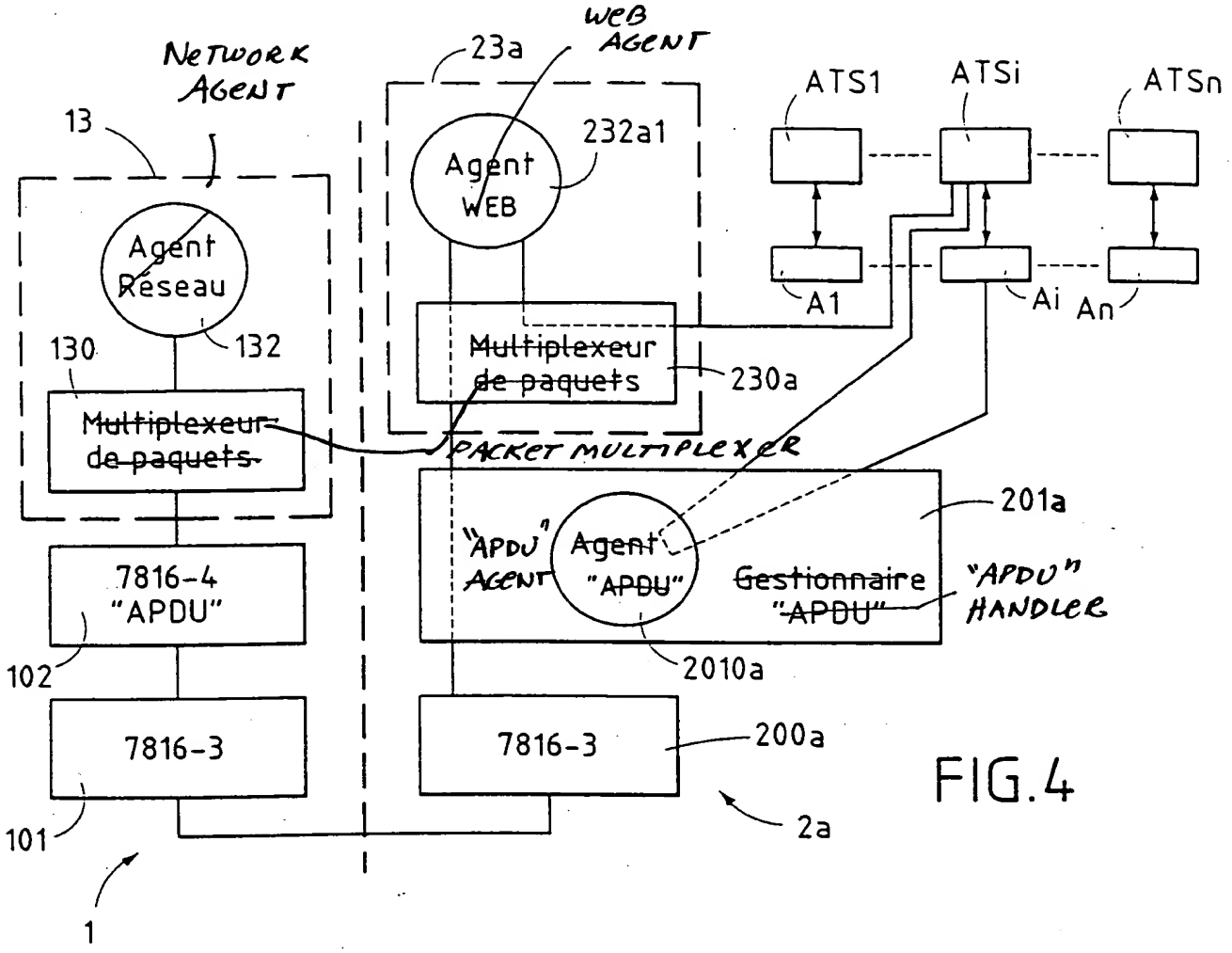

NETWORK AGENT
13
Agent Réseau
130
132
Multiplexeur de paquets
7816-4 "APDU"
102
7816-3
101
1
WEB AGENT
23a
Agent WEB
232a1
Multiplexeur de paquets
230a
PACKET MULTIPLEXER
ATS1
ATSi
ATSn
A1
Ai
An
201a
"APDU" AGENT
Agent "APDU"
Gestionnaire "APDU"
"APDU" HANDLER
2010a
7816-3
200a
2a

FIG.4

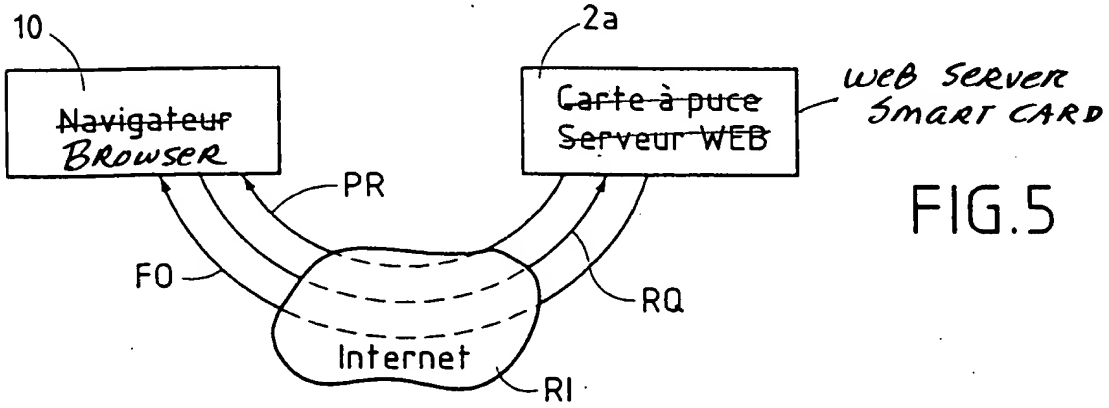

10
Navigateur BROWSER
2a
Carte à puce Serveur WEB
WEB SERVER SMART CARD
PR
FO
RQ
Internet
RI

FIG.5

FIG.6

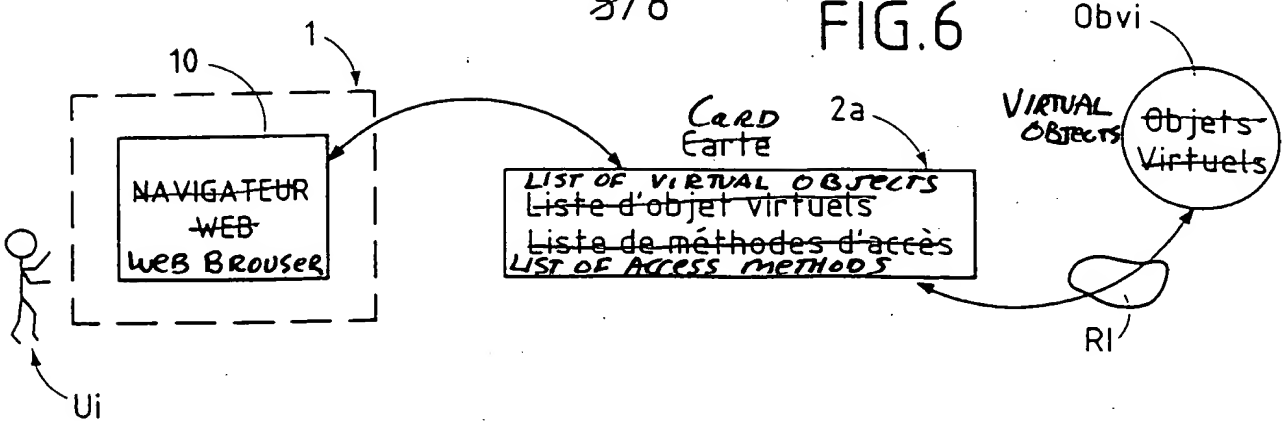
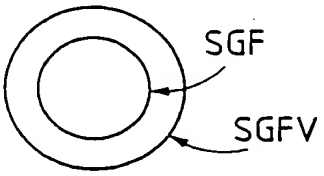


FIG.7



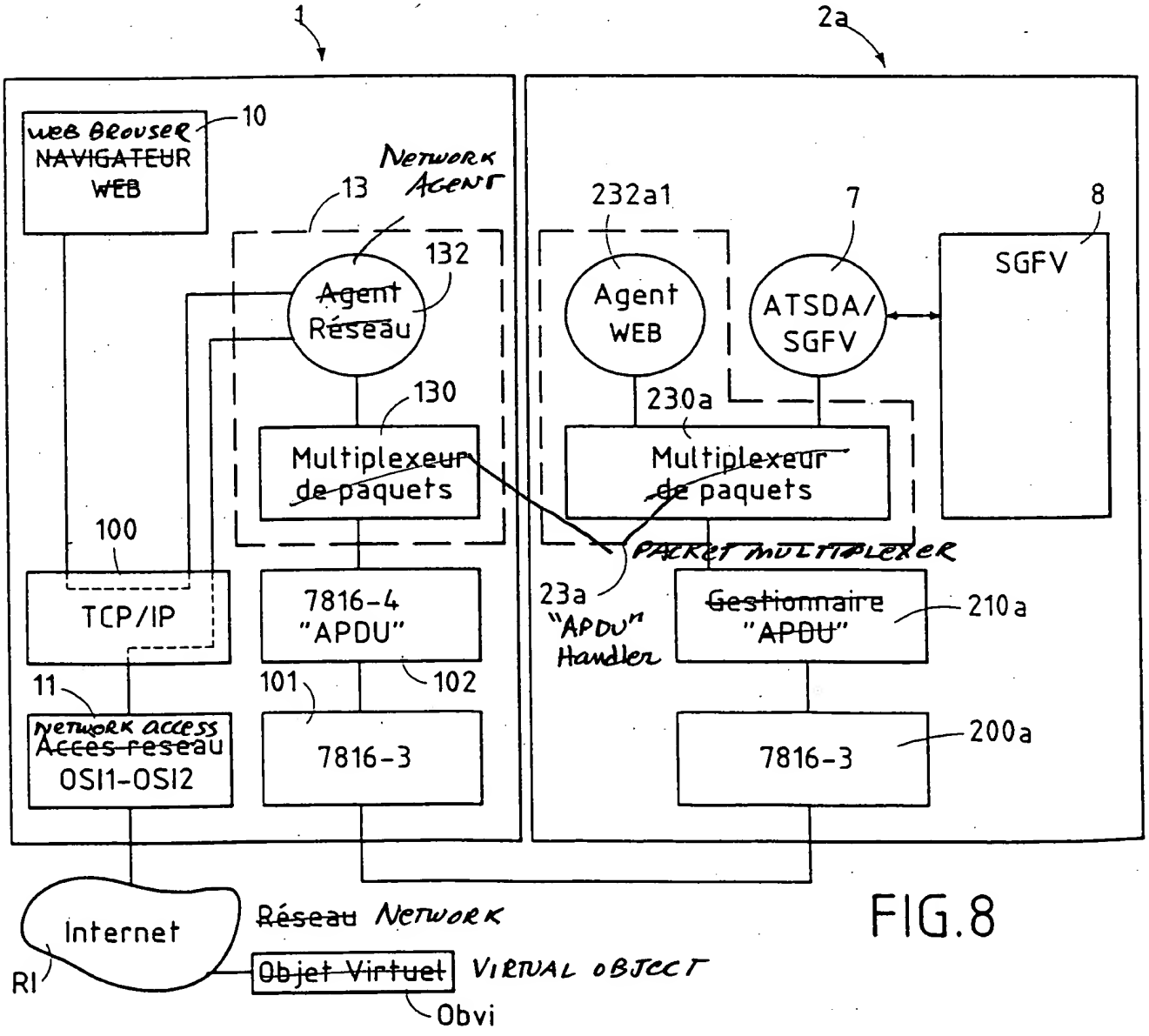


FIG.8

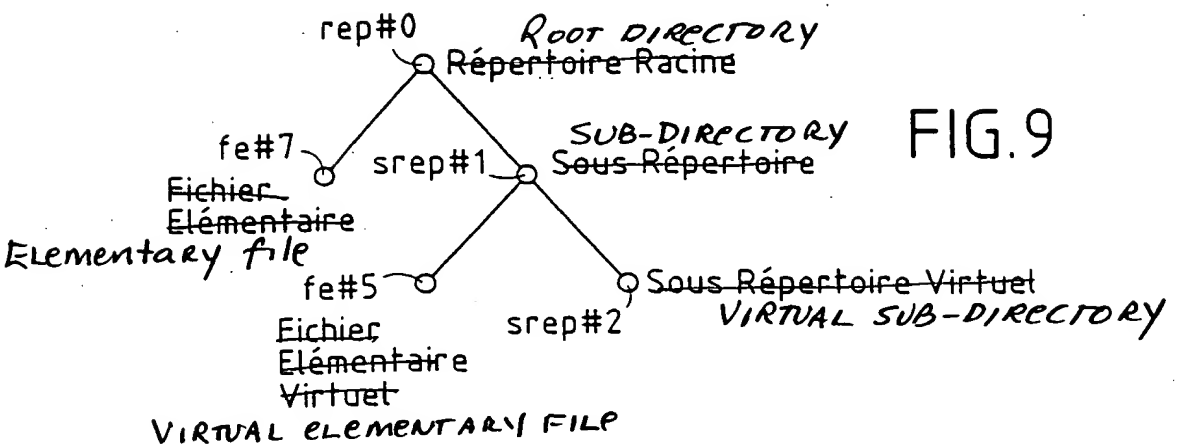


FIG.9

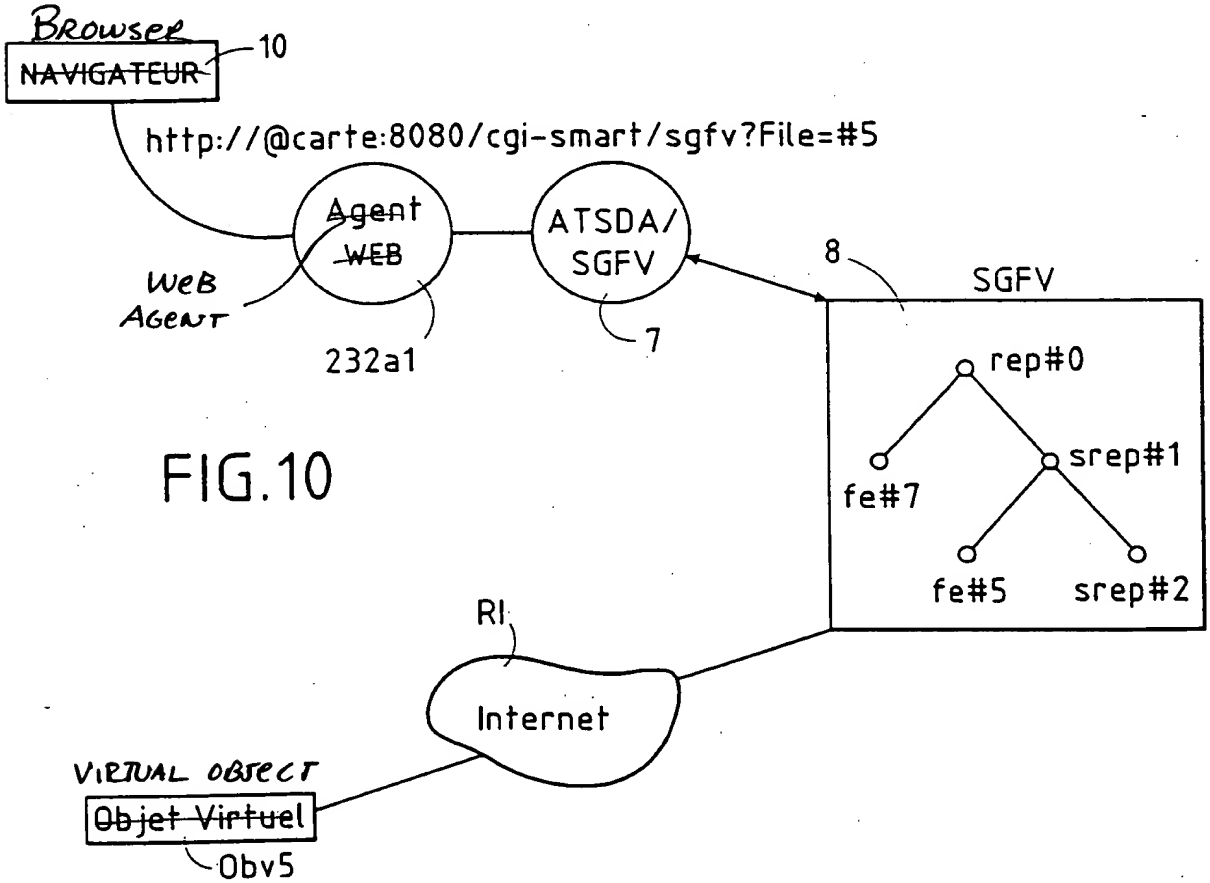


FIG.10

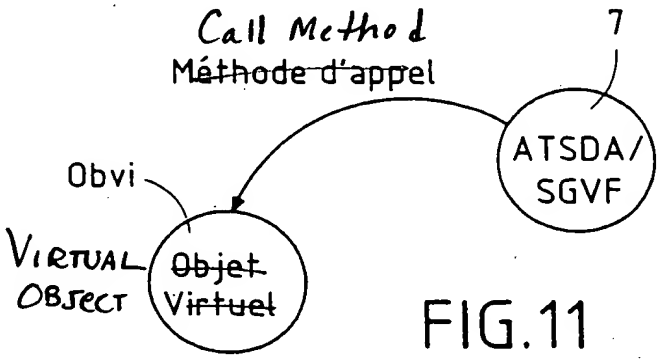


FIG.11

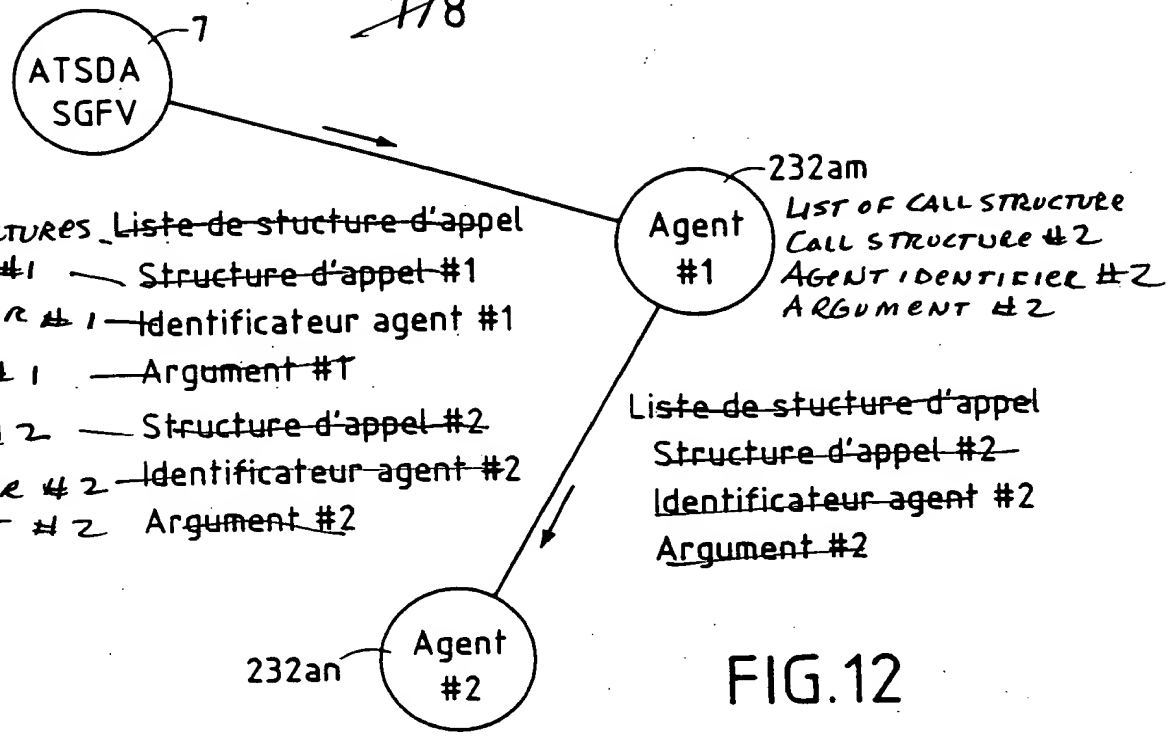

ATSDA SGFV
7
Agent #1
232am
LIST OF CALL STRUCTURE
CALL STRUCTURE #2
AGENT IDENTIFIER #2
ARGUMENT #2
LIST OF CALL STRUCTURES Liste de stucture d'appel
CALL STRUCTURE #1 — Structure d'appel #1
AGENT IDENTIFIER #1 — Identificateur agent #1
ARGUMENT #1 — Argument #1
CALL STRUCTURE #2 — Structure d'appel #2
AGENT IDENTIFIER #2 — Identificateur agent #2
ARGUMENT #2 — Argument #2
Liste de stucture d'appel
Structure d'appel #2
Identificateur agent #2
Argument #2
Agent #2
232an

FIG.12

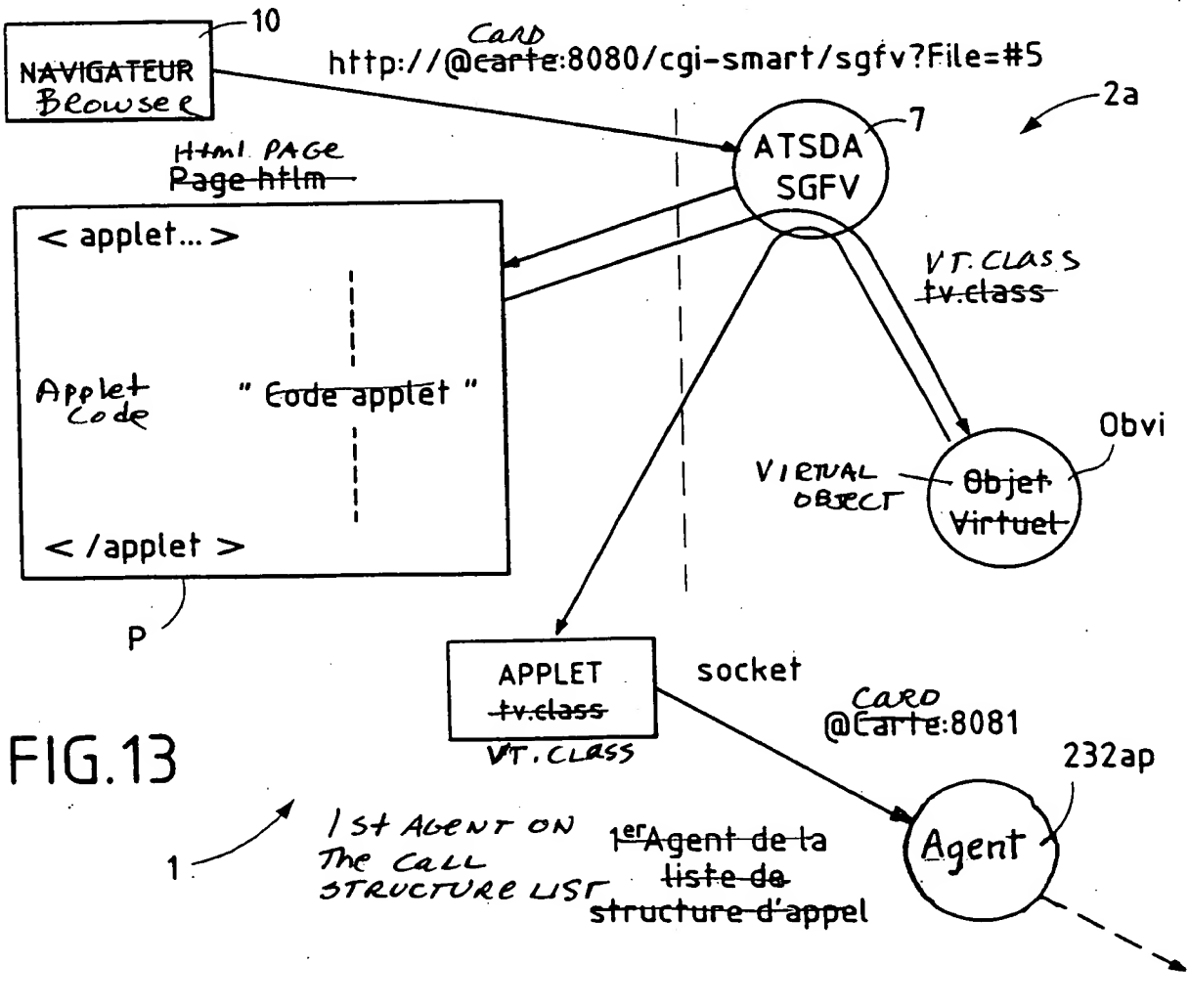

NAVIGATEUR Browser
10
CARD
http://@carte:8080/cgi-smart/sgfv?File=#5
2a
ATSDA SGFV
7
Html PAGE
Page html
< applet... >
Applet Code
" Code applet "
< /applet >
P
VT. CLASS
tv.class
Obvi
VIRTUAL OBJECT
Objet Virtuel
APPLET
tv.class
VT. CLASS
socket
CARD
@Carte:8081
232ap
Agent
1
1st AGENT ON The CALL STRUCTURE LIST
1er Agent de la liste de structure d'appel

FIG.13

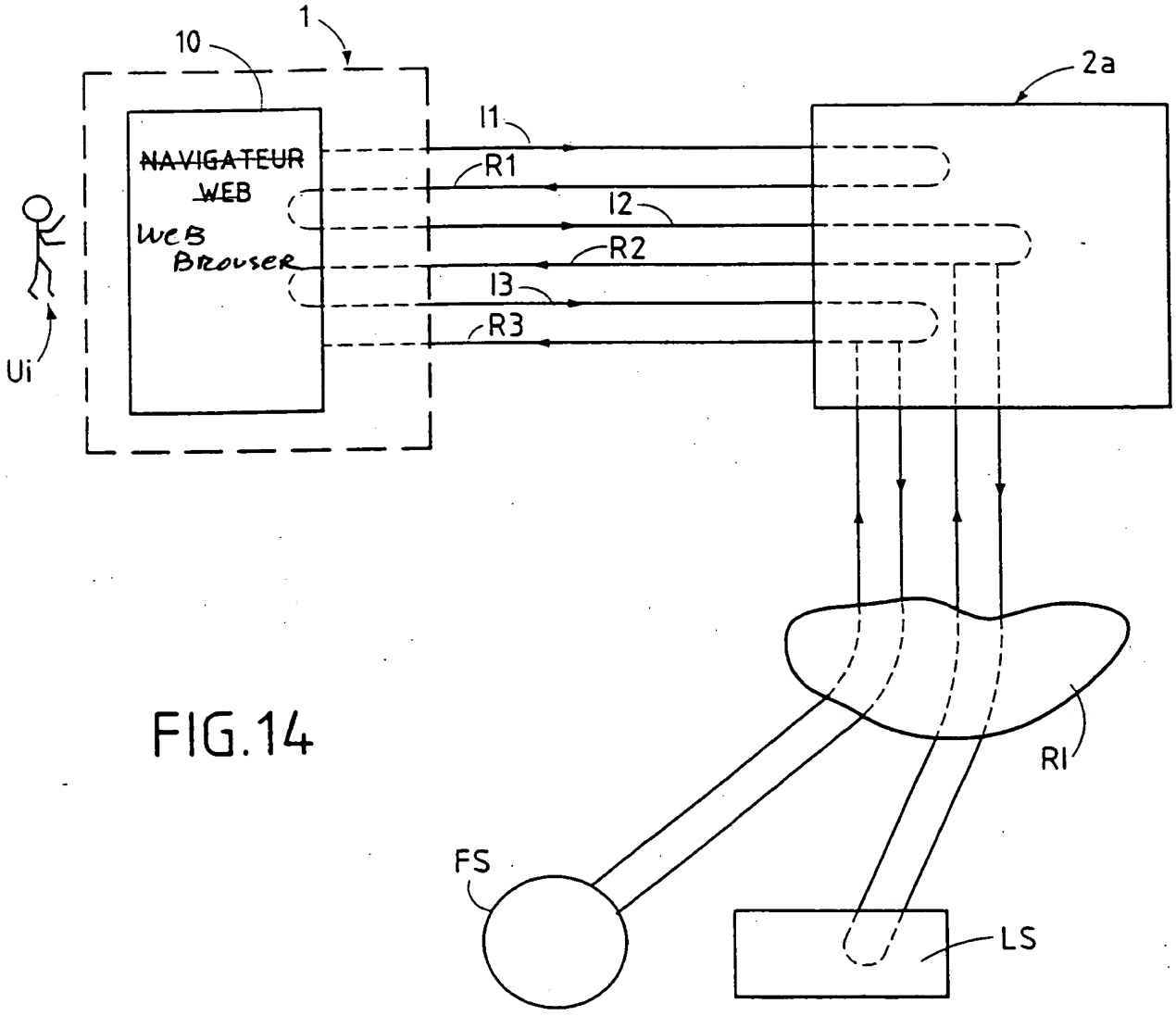


FIG.14